

REMARKS/ARGUMENTS

This is in response to the Restriction Requirement mailed 31 May 2007 in the above-captioned application.

Amendments to the Claims

The claims are amended to improve the clarity of the subject matter, and not to avoid any prior art or for any reason related to patentability. The amendments to these claims are fully supported in the original specification as filed, and no new matter has been added.

Response to Restriction

The Restriction Requirement avers that the claims define six (6) inventions as follows:

- I. Claims 1-39, drawn to a reactor, classified in class 422, subclass 129;
- II. Claims 40-62, 78-80, and 76, drawn to a method of reacting a first reactant with a second reactant, classified in class 431, subclass 2;
- III. Claims 63-74, drawn to a fluid delivery system, classified in class 137, subclass 561 R;
- IV. Claim 75, drawn to a method of designing a reactor, classified in class 422, subclass 188.
- V. Claim 77, drawn to a method of accurately controlling the composition of a reaction fluid, classified in class 700, subclass 266; and
- VI. Claims 81-84, drawn to a method of controlling a pressurized reactor, classified in class 137, subclass 14.

Inventions I and II are considered a process and apparatus for its practice, retrospectively. Inventions III-VI are considered unrelated.

In response, Applicant elects the invention of Group II, claims 40-62, 78-80, and 76, for further prosecution herein, without traverse. Applicant reserves the right to file divisional applications directed to the subject matter covered in the non-elected inventions I and III-VI. 35 U.S.C. § 121.

Early and favorable consideration of the elected claims is earnestly solicited.

Respectfully submitted,

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ON NOVEMBER 30, 2007



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